

| # | HPTYP FREQ % | DQ | DQB1 | DQA1 | DRB1 | DRB3 | DRB4 | D | DISEASE ASSOCIATION |
|----|-----------------|---------|------|------|-----------|--------|------|----------|------------------------|
| 1 | 20 | {w5(w1) | 1.1 | 1a | <u>1</u> | ne | ne | w1 | IDDM(MAJOR), RA(MINOR) |
| 2 | | {w5(w1) | 1.1 | 1a | <u>1</u> | ne | ne | w20 | |
| 3 | 26 | w6(w1) | 1.2 | 1b | w15(2) | ne | ne | w2 | CPMS, MG(T+) |
| 4 | 1.5 | w6(w1) | 1.12 | 1c | w15(2) | ne | ne | w12 | IDDM(-) |
| 5 | 1.5 | w5(w1) | 1.1 | ? | w16(2) | ne | ne | w21(AZH) | IDDM(+), MG(T-) |
| 6 | ? | w7(w3) | 3.1 | ? | w16(2) | ne | ne | w22 | |
| 7 | 22 | {w2 | ? | ? | w17(3) | 24(52) | ne | w3 | IDDM(+), MG(T-) |
| 8 | | {w2 | ? | ? | w17(3) | 25(52) | ne | w3 | |
| 9 | ? | w4(Wa) | Wa | ? | w18(3) | ? (52) | ne | ? | |
| 10 | 9 | w8(w3) | 3.2 | 3 | <u>4</u> | ne | 53 | w4(4.2) | IDDM*(+)(MAJOR), RA† |
| 11 | 5 | w7(w3) | 3.1 | 3 | <u>4</u> | ne | 53 | w4(4.1) | (MAJOR), CPMS |
| 12 | 3 | w8(w3) | 3.2 | 3 | <u>4</u> | ne | 53 | w10 | IDDM*(+)(MAJOR), CPMS |
| 13 | ? | w7(w3) | 3.1 | 3 | <u>4</u> | ne | 53 | w13 | |
| 14 | 14 | w8(w3) | 3.2 | 3 | <u>4</u> | ne | 53 | w14 | IDDM*(+)(MAJOR), RA† |
| 15 | 0.5 | w4(Wa) | Wa | ? | <u>4</u> | ne | 53 | w15 | (MAJOR), CPMS |
| 16 | 15 | {w7(w3) | 3.1 | 2 | w11(5) | 25(52) | ne | w5 | |
| 17 | | {w7(w3) | 3.1 | 2 | w12(5) | 25(52) | ne | B6 | |
| 18 | 10 | {w5(w1) | 1.18 | 1c | w(13)(w6) | 24(52) | ne | w18 | |
| 19 | | {w5(w1) | 1.18 | 1c | w(13)(w6) | 25(52) | ne | w18 | |
| 20 | 3 | w5(w1) | 1.19 | 1b | w(13)(w6) | 26(52) | ne | w19 | IDDM(MINOR) |
| 21 | 3 | w6(w1) | 1.9 | 1a | w(14)(w6) | 25(52) | ne | w9 | |
| 22 | ? | w6(w1) | 1.16 | 2 | w(14)(w6) | 24(52) | ne | w16 | RA(MINOR) |
| 23 | 1 | w9(w3) | 3.3 | 3 | <u>7</u> | ne | 53 | w11 | |
| 24 | 27 | w2 | 2 | 3 | <u>7</u> | ne | 53 | w17 | |
| 25 | 6 | w4(Wa) | Wa | 1b | ne | w8/52 | ne | w8 | |
| 26 | 2 | ?(w3) | ? | 1b | ne | w8/52 | ne | w8 | |
| 27 | 1 | w9(w3) | 3.3 | 3 | <u>9</u> | ne | 53 | w23 | |
| 28 | ? | w5(w1) | 1.1 | 1a | w10 | ? | ? | ? | |

ne: NOT EXPRESSED

T-: THYMOMA-NEGATIVE

T+: THYMOMA-POSITIVE

CPMS: CHRONIC-PROGRESSIVE MULTIPLE SCLEROSIS

IDDM: INSULIN-DEPENDENT DIABETES MELLITUS

MG: MYASTHENIA GRAVIS

RA: RHEUMATOID ARTHRITIS

FIG. 1.

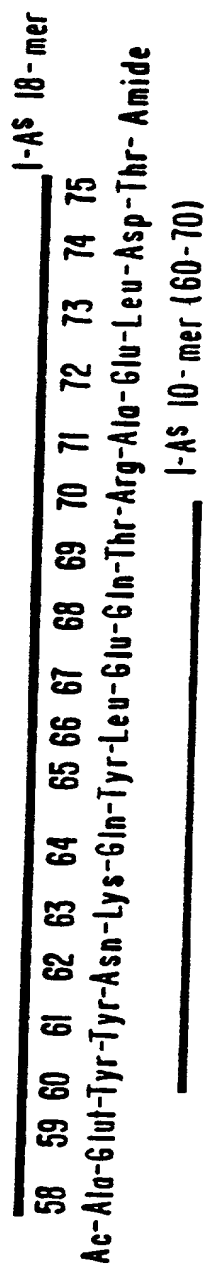
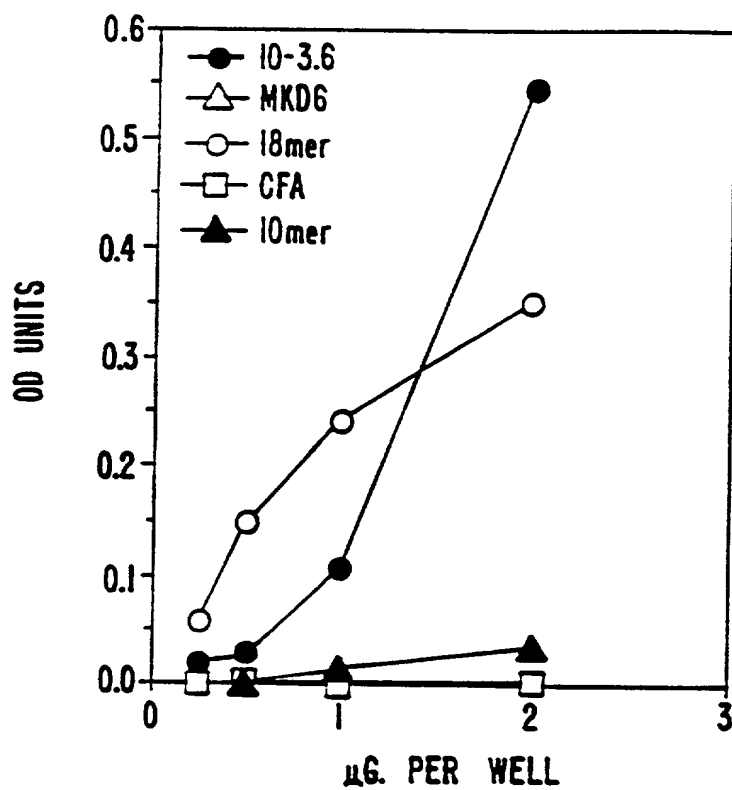
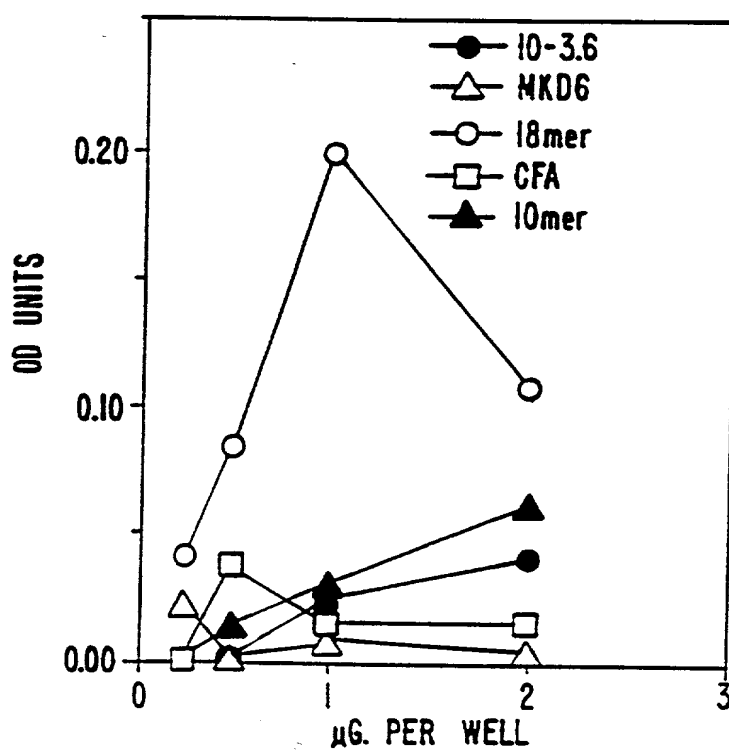


FIG. 2.

**FIG. 3A.****FIG. 3B.**

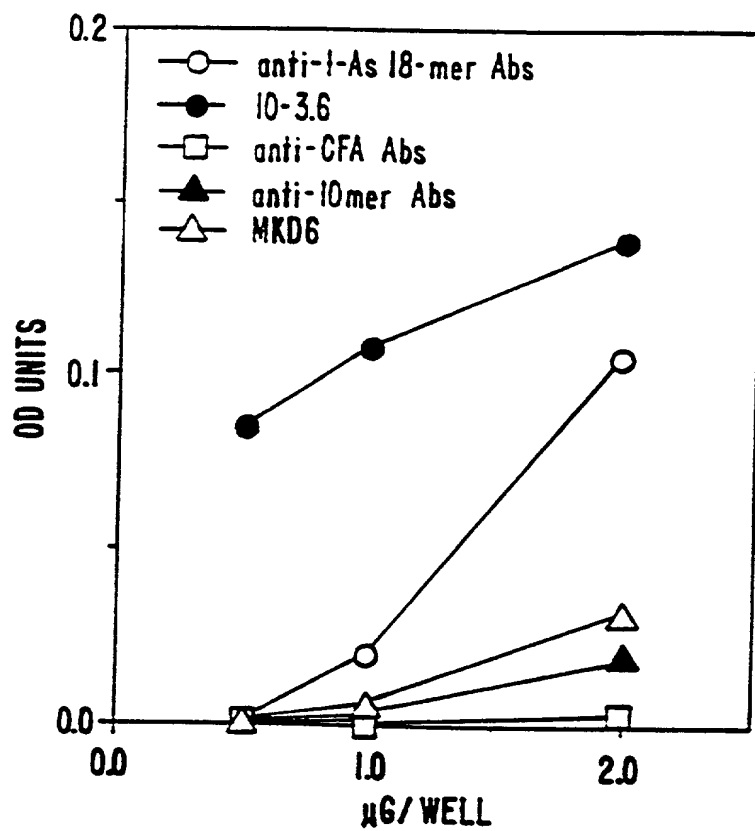


FIG. 4A.

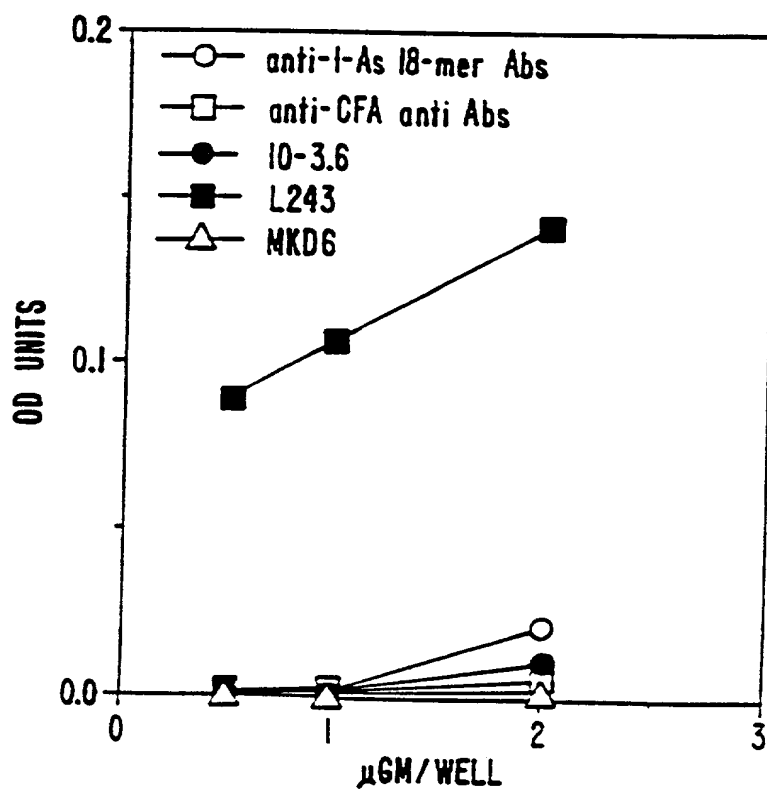


FIG. 4B.

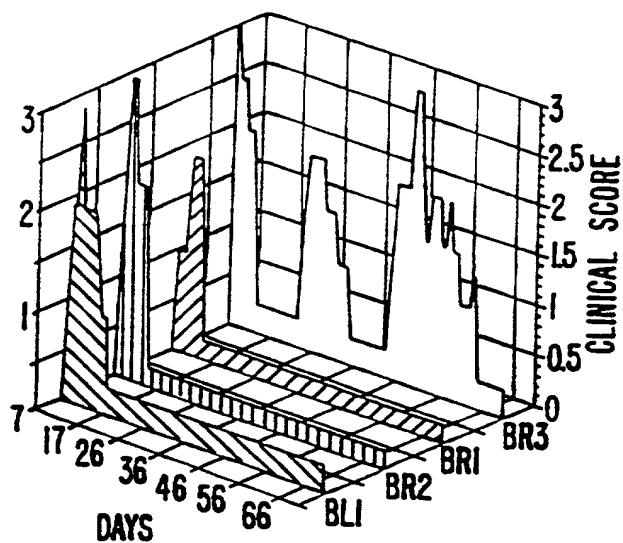


FIG. 5A.

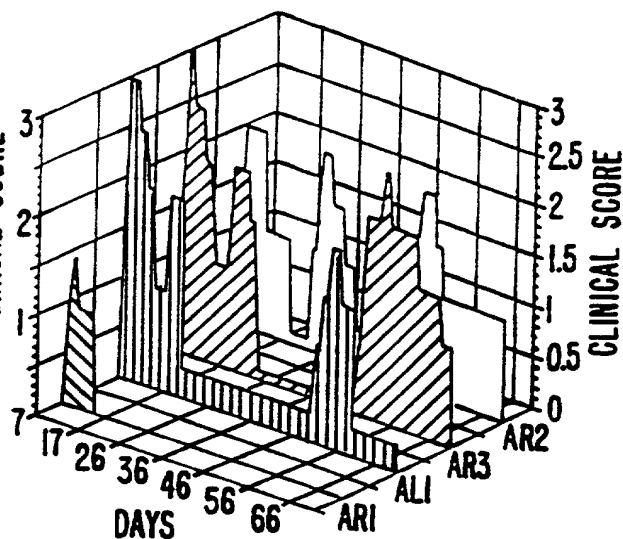


FIG. 5B.

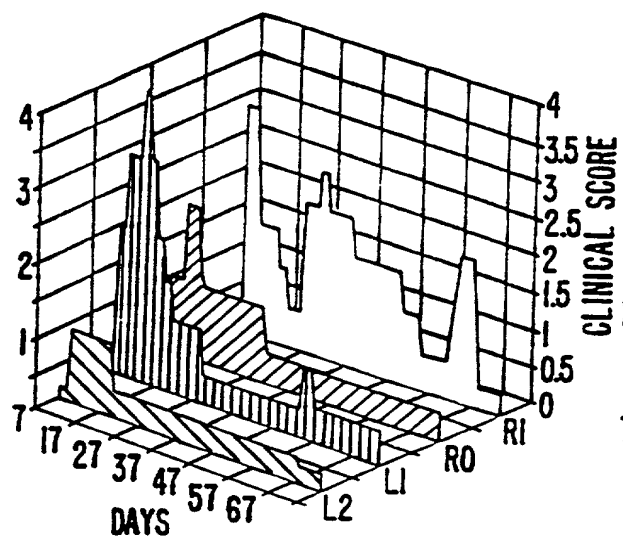


FIG. 5C.

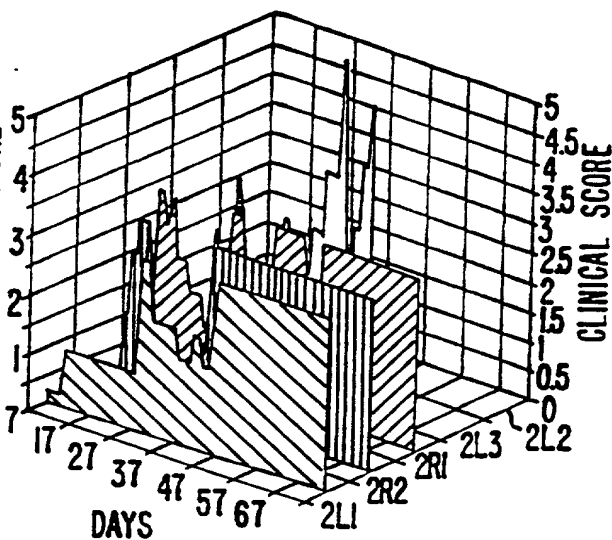


FIG. 5D.

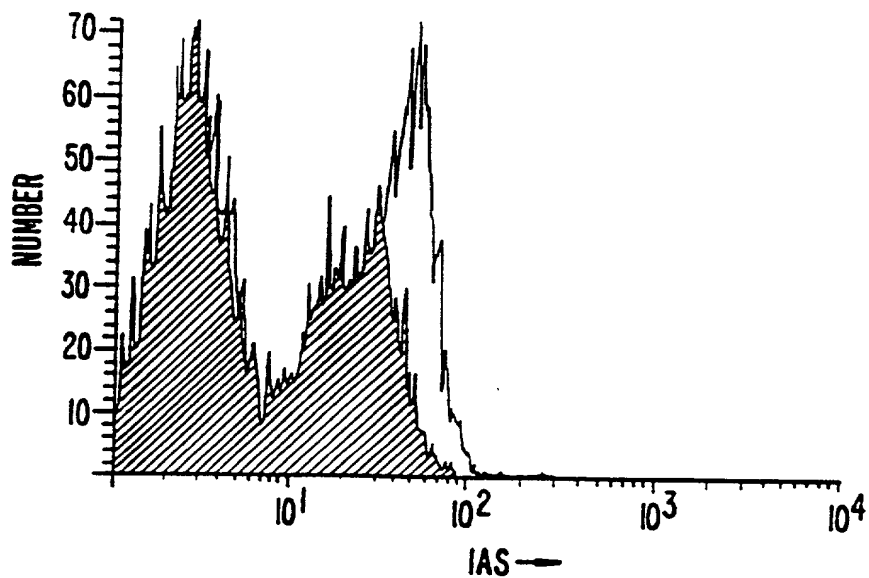


FIG. 6A.

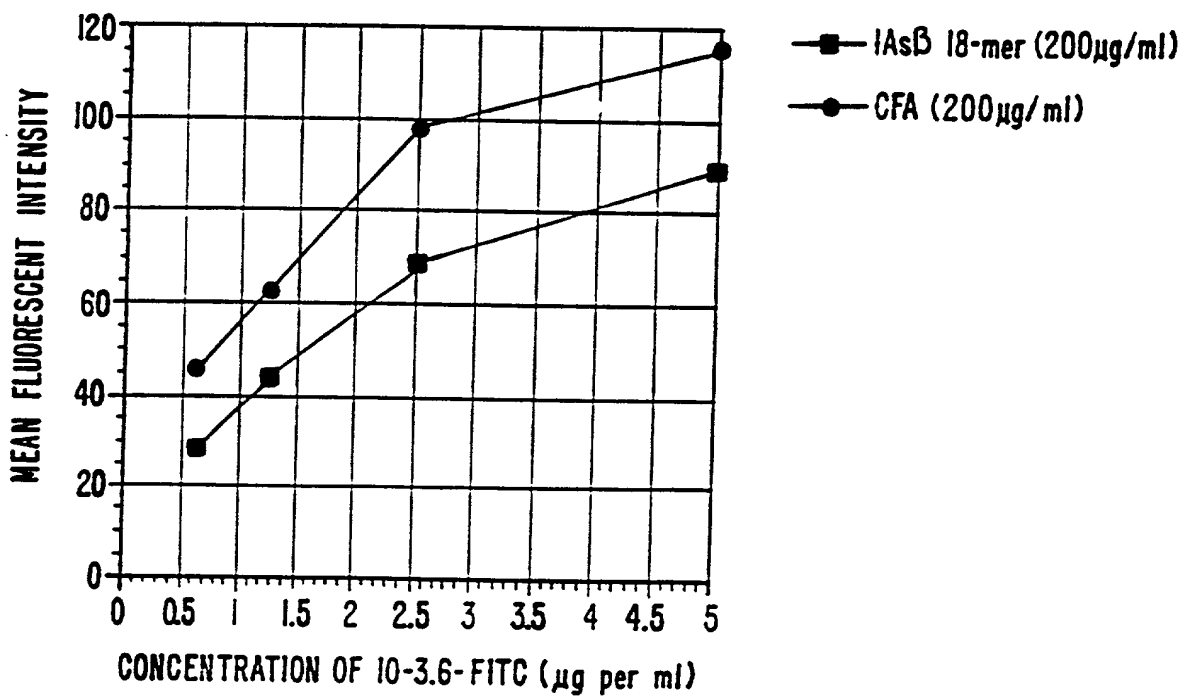
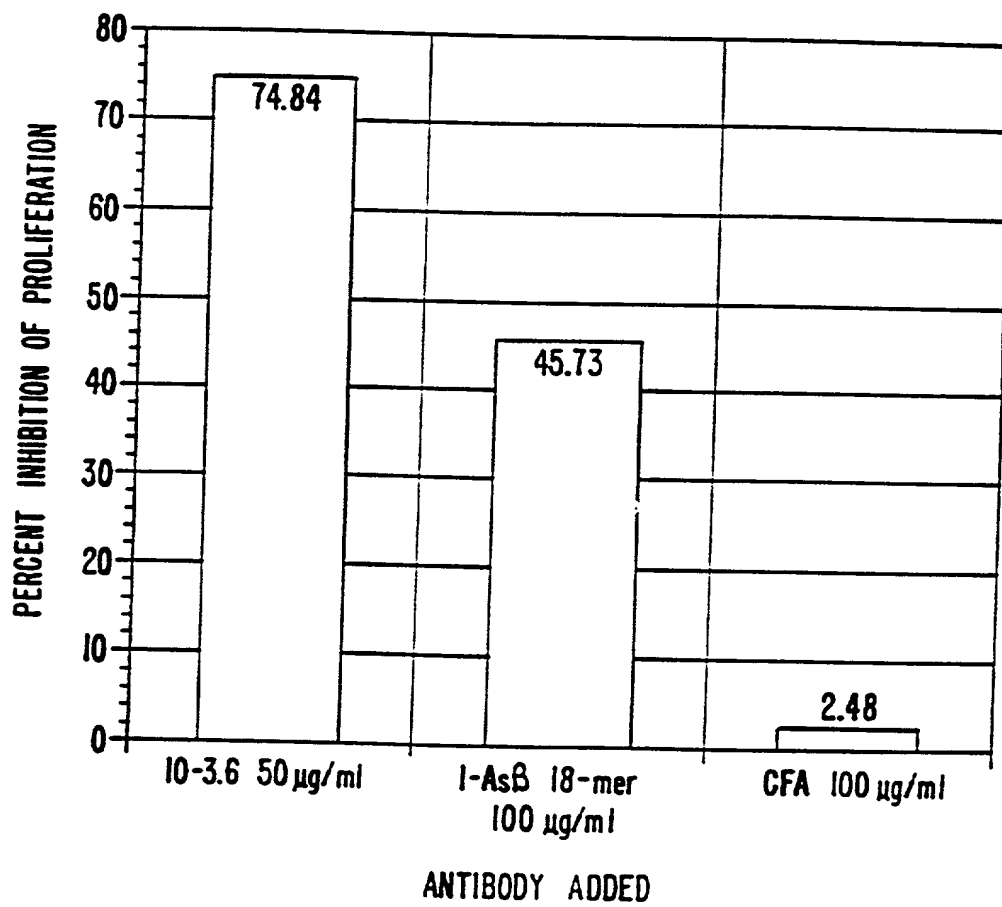
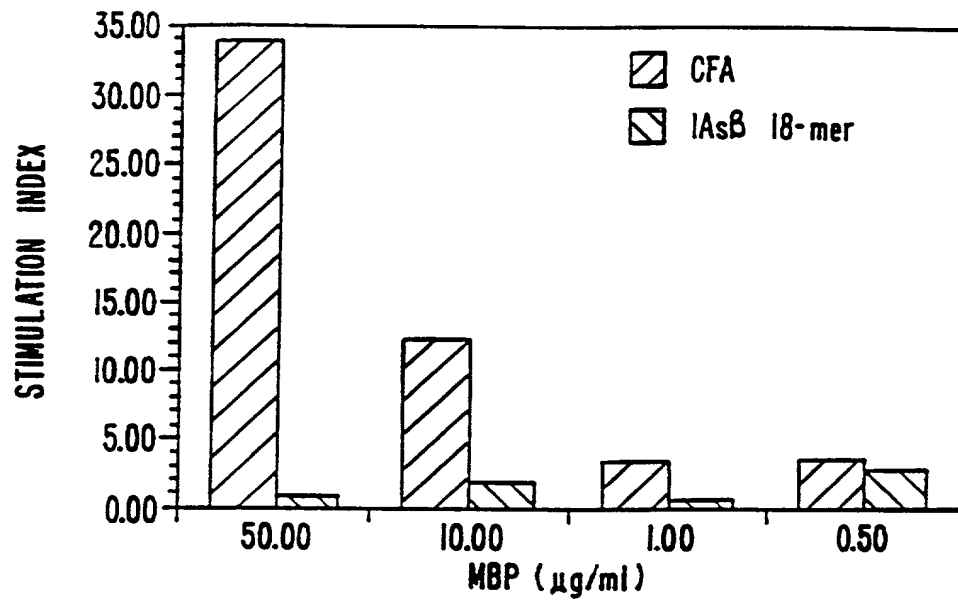
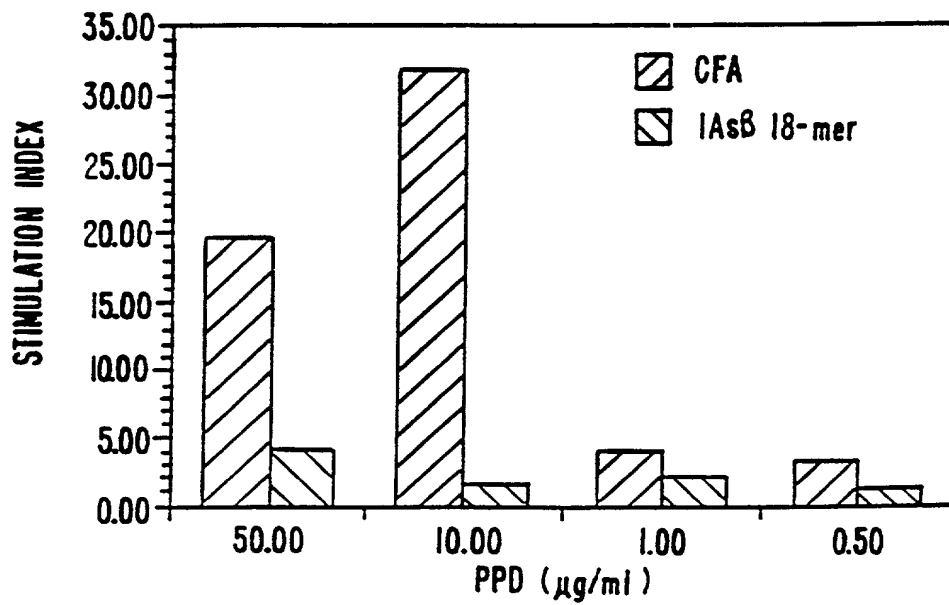


FIG. 6B.

*FIG. 7.*

*FIG. 8A.**FIG. 8B.*